



*Patent*  
*IRIN*

PATENT  
P56319

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JONG-HEE HAN

Serial No.: 09/780,673

Examiner: SRIVASTAVA, VIVEK

Filed: 12 February 2001

Art Unit: 2623

For: MULTI-TUNER TELEVISION RECEIVING APPARATUS AND METHOD OF  
RESTRICTING THE VIEWING

**REQUEST FOR REFUND**

**Mail Stop : 16**

**Attn: Refund**

Director of the U.S. Patent & Trademark Office  
2051 Jamieson Ave, Suite 300  
Alexandria, VA 22314



08-16-2006

U.S. Patent & TMO/TM Mail Rcpt Dt. #

Sir:

Applicant respectfully request for refund of **extension of time within first month fee:**  
**\$120.00 under fee code [1251] overcharged on 26 May 2006** in the above-referenced application  
for the reason as follows:

On 25 May 20006, Applicant filed an Amendment After Final in response to the final Office  
action (Paper No. 3) mailed on 25 January 2006 and Advisory Action (Paper No. 4) mailed on 21  
April 2006. In the Amendment After Final, Applicant state that:

A petition for a one month extension of time accompanies this amendment. The  
Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's  
undersigned attorney in the amount of \$120.00. Should the petition become lost, the  
Commissioner is requested to treat this paragraph as a petition for an extension of  
time.

However, Applicant was charged for the extension of time for one-month fee **twice** on the


same day, 25 May 2006. On 28 June 2006, Applicant contacted with Examiner Srivastava by telephone about this double charging. Examiner Srivastava promised to get back to Applicant, but no returned phone call or refund has been made.

In view of the above, Applicant should not have been charged twice under the code [1251] on the same day. Therefore, the one-month extension of time fee \$120.00 was not necessary, and the amount \$120.00 should be refunded.

Accordingly, the Commissioner is respectfully requested to immediately refund \$120.00 under fee code [1251] **overcharged on 26 May 2006** to Applicant's undersigned attorney's Deposit Account No. 02-4943.

**Please refer the attached documents for the above-reference patent application.**

Respectfully submitted,

  
Robert E. Bushnell  
Attorney for Applicant  
Reg. No.: 27,774

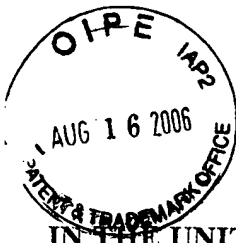
1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
(202) 408-9040

Folio: P56319

Date: 16 August 2006

I.D.: REB/ks

Enclosures: 1. A copy of Amendment After Final filed on 25 May 2006  
2. A copy of Monthly Statement of Deposit Account of May 2006



PATENT  
P56319

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

JONG-HEE HAN

Serial No.: 09/780,673

Examiner: SRIVASTAVA, VIVEK

Filed: February 12, 2001

Art Unit: 2617

For: MULTI-TUNER TELEVISION RECEIVING APPARATUS AND METHOD OF  
RESTRICTING THE VIEWING

**AMENDMENT AFTER FINAL**

**Paper No. 12**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the final Office Action mailed on January 25, 2006 and Advisory Action mailed on April 21, 2006, entry of the following amendments, re-examination and reconsideration, are respectfully requested.

**CERTIFICATE OF  
FACSIMILE TRANSMISSION**

I hereby certify that, on 25 May 2006, this correspondence is being facsimile transmitted to the U.S. Patent & Trademark Office (Facsimile No. 571-273-8300)

Total 10 sheets

*F. Warran*

For Robert E. Bushnell  
Reg. No. 27,774

Folio: P56319  
Date: 5/25/06  
I.D.: REB/YJK/fw

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IN THE CLAIMS

Please amend claim 12, and cancel claim 19 as follows:

1 1. (Original) A video signal apparatus, comprising:

2 at least two tuners receiving a program;

3 a viewing restricting portion detecting a discretionary control data of the program received  
4 through one of the tuners and blocking AGC signals of the tuner receiving the program when the  
5 discretionary control data is greater than a discretionary threshold; and

6 a control portion blocking AFT signals of the other tuners when the viewing of the program  
7 received by the receiving tuner is restricted.

1 2. (Original) The multi-tuner television receiving apparatus of claim 1, further comprised  
2 of said tuners being independently tunable to simultaneously receive different video signals  
3 corresponding to different programs.

1 3. (Original) The multi-tuner television receiving apparatus of claim 1, further comprised  
2 of said plurality of tuners being independently tunable to simultaneously receive identical video  
3 signals corresponding to said program.

1 4. (Previously Presented) A viewing restricting method of a video signal apparatus, the  
2 method comprising:

3 detecting discretionary control data of program received through a first tuner of the video  
4 signal apparatus, said video signal apparatus comprising a second tuner that is adjustable  
5 independently of said first tuner to receive video signals simultaneously with said first tuner from  
6 any channel selected by said second tuner, a viewing restricting portion and a control portion;

7 comparing a viewing restricting data installed with a detected data;

8 checking whether there is a recording command through other tuners in the video signal  
9 apparatus when a received data of the program received through the first tuner is greater than the  
10 installed viewing restricting data;

11 blocking AGC signals of the first tuner receiving the program by the viewing restricting  
12 portion when the discretionary control data is greater than a discretionary threshold; and

13 blocking AFT signals of the second tuner by the control portion when the viewing of the program  
14 received through the first tuner is restricted.

1 5. (Previously Presented) A video signal apparatus, comprising:

2 a plurality of tunable tuners that may be tuned to simultaneously receive video signals  
3 carrying discretionary control data;

4 a first circuit controlling transmission of automatic fine tuning signals to a first one of said  
5 tuners;

6 a second circuit controlling transmission of automatic gain control signals to said tuners;

7 an input stage accommodating entry of discretionary threshold data selectively provided  
8 by a user;

9 a viewing restricting stage connected to said tuners to detect said discretionary control data  
10 accompanying video signals received by said first one of said tuners; and

11 a controller coupled to read said discretionary threshold data from a memory and control  
12 application of said automatic fine tuning signals to said plurality of tuners in dependence upon  
13 comparisons between said discretionary control data accompanying video signals received by said  
14 first one of said tuners and said threshold data.

1 6. (Original) The multi-tuner television receiving apparatus of claim 5, further comprised  
2 of said plurality of tuners being independently tunable to simultaneously receive different  
3 corresponding said video signals.

1 7. (Original) The multi-tuner television receiving apparatus of claim 5, further comprised  
2 of said plurality of tuners being independently tunable to simultaneously receive identical said  
3 video signals.

1 8. (Original). The multi-tuner television receiving apparatus of claim 5, further comprised  
2 of said controller being connected to control application of said automatic fine tuning signals by  
3 said first circuit to a second one of said tuners in dependence upon a comparison of between said  
4 discretionary control data and said discretionary control data accompanying said video signals  
5 received by said second one of said tuners.

1           9. (Original) The multi-tuner television receiving apparatus of claim 5, further comprised  
2 of said controller blocking application of said automatic fine tuning to tuners other than said first  
3 tuner when a comparison between said discretionary control data accompanying video signals  
4 received by said first one of said tuners and said threshold data indicates that reception of said  
5 video signals by said first one of said tuners is restricted.

1           10. (Original) The multi-tuner television receiving apparatus of claim 6, further comprised  
2 of said controller blocking application of said automatic fine tuning to tuners other than said first  
3 tuner when a comparison between said discretionary control data accompanying video signals  
4 received by said first one of said tuners and said threshold data indicates that reception of said  
5 video signals by said first one of said tuners is restricted.

1           11. (Original) The multi-tuner television receiving apparatus of claim 7, further comprised  
2 of said controller blocking application of said automatic fine tuning to tuners other than said first  
3 tuner when a comparison between said discretionary control data accompanying video signals  
4 received by said first one of said tuners and said threshold data indicates that reception of said  
5 video signals by said first one of said tuners is restricted.

1           12. (Currently amended) A video signal apparatus, comprising:  
2 a tuner that is adjustable to selectively receive video signals representing a program of

3 video images and to receive discretionary control data carried by said video signals; and  
4 a viewing restricting stage detecting said discretionary control data of the program received  
5 through said tuner and blocking automatic gain control signals for said tuner receiving the program  
6 when the discretionary control data is greater than a discretionary threshold, said viewing  
7 restricting stage being adapted to also block automatic fine tuning signals of the tuner when said  
8 discretionary control data is greater than said discretionary threshold.

1 13. (Original) The video signal apparatus of claim 12, further comprised of an additional  
2 tuner, with said viewing restricting stage blocking AFT signals of the both of said tuners when said  
3 discretionary control data is greater than said discretionary threshold.

1 14. (Original) The video signal apparatus of claim 12, further comprised of an additional  
2 tuner, with both of said tuners being independently tunable to simultaneously receive different  
3 video signals corresponding to different programs.

1 15. (Original) The video signal apparatus of claim 12, further comprised of an additional  
2 tuner, with both of said tuners being independently tunable to simultaneously receive identical  
3 video signals corresponding to said program.

1 16. (Previously Presented) The video signal apparatus of claim 12, the discretionary  
2 control data being based on an amount of sex and violence in said program.



1           17. (Previously Presented) The video signal apparatus of claim 12, the discretionary  
2 threshold being set at a receiving end of said program and not at a sending end of said program,  
3 the discretionary threshold blocking received programs with an excessive amount of sex and  
4 violence.

1           18. (Previously Presented) The video signal apparatus of claim 12, the discretionary  
2 threshold being a parental control.

1           19. (Cancelled)

1           20. (Previously Presented) The video signal apparatus of claim 12, the video signal  
2 apparatus being adapted to both block the viewing of a program and block the recording of said  
3 program when the discretionary control data is greater than a discretionary threshold.

**REMARKS**

This amendment is in response to the final Office Action dated January 25, 2006, and Advisory Action dated April 21, 2006. Claim 19 is cancelled, and claim 12 is amended in condition for allowance. Reconsideration is respectfully requested.

**Status of Claims**

Claim 1 through 20 are pending. Claim 12 is rejected under 35 U.S.C. §102(b) as being anticipated by McVoy (U.S. Patent Number 3,684,823).

Claims 14 and 15 and 20 are rejected under 35 U.S.C. §103(a) as being unpatentable over McVoy (U.S. Patent Number 3,684,823).

Claims 1 through 11 are allowed. Claims 13 and 16-19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Applicant appreciates the Examiner's indication of allowability of claims 1 through 11.

**Regarding claim 12**

Applicant amends claim 12 to include the feature recited in claim 19, which depends from claim 12. In the final Office Action, the Examiner stated that dependent claim 19 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Therefore, the amended claim 12 should be allowable. Accordingly, claim 19 is cancelled. Entry of the amended

claim 12 is respectfully requested.

**Rejection of Claims 14, 15 and 20 under 35 U.S.C. §103(a)**

Claims 14, 15 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over McVoy (U.S. Patent Number 3,684,823). Claims 14, 15, and 20 depend from claim 12, and Applicant amends claim 12 in condition for allowance. Therefore, claims 12, 15, and 20 are allowable. Withdrawal of the rejection is respectfully requested.

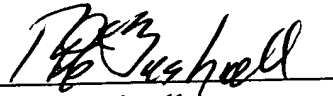
One month extension fee \$120.00 is incurred by the filing of this amendment.

A petition for a one month extension of time accompanies this amendment. The Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's undersigned attorney in the amount of \$120.00. Should the petition become lost, the Commissioner is requested to treat this paragraph as a petition for an extension of time.

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In view of the above, all claims are submitted to be allowable and this application is believed to be in condition to be passed to issue. Reconsideration of the rejections is requested. Should any questions remain unresolved, the Examiner is requested to telephone Applicant's attorney.

Respectfully submitted,



Robert E. Bushnell,  
Attorney for the Applicant  
Registration No.: 27,774

1522 "K" Street N.W., Suite 300  
Washington, D.C. 20005  
(202) 408-9040

Folio: P56319  
Date: 5/25/06  
I.D.: REB/YJK

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JONG-HEE HAN

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Filed: February 12, 2001

Art Unit: 2617

For: MULTI-TUNER TELEVISION RECEIVING APPARATUS AND METHOD OF  
RESTRICTING THE VIEWING

**PETITION FOR EXTENSION OF TIME**

Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450


Sir: -

Pursuant to 37 C.F.R. §1.136(a), please extend the time for responding to a final Office action (Paper No. 3) mailed on 25 January 2006, for one (1)-month to and through **25 May 2006**.

The one-month fee for Large Entity in the amount of **\$120.00** is not enclosed. Should any additional fees be required under 37 C.F.R. §1.16 or 37 C.F.R. §1.17, please charge them to our Deposit Account No. 02-4943 and advise us accordingly.

Also, should any additional time be required, please accept this as a petition for such additional extension of time and charge our Deposit Account No. 02-4943 and advise us accordingly.

Respectfully submitted,

  
Robert E. Bushnell  
Attorney for Applicants  
Reg. No.: 27,774

1522 "K" Street, N.W., Suite 300  
Washington, D.C. 20005  
Area Code: 202-408-9040

Folio: P56319  
Date: 5/25/06  
I.D.: REB/fw

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**United States  
Patent and  
Trademark Office****Deposit Account Statement**

**Requested Statement Month:** May 2006  
**Deposit Account Number:** 024943  
**Name:** ROBERT E BUSHNELL ESQ  
**Attention:** ROBERT E. BUSHNELL  
**Address:** 1522 "K" STREET, N.W.  
**City:** WASHINGTON  
**State:** DC  
**Zip:** 20005  
**Country:** UNITED STATES

DATE	SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT	BAL
05/11	3	09874010	P56332	2202	\$500.00	\$19,103.41
05/11	4	09874010	P56332	2201	\$300.00	\$18,803.41
05/19	1	09976274	P56597	1501	\$1,400.00	\$17,403.41
05/19	2	09976274	P56597	1504	\$300.00	\$17,103.41
05/22	37	PAYMENT		9203	-\$200.00	\$17,303.41
05/22	39	11436654		9204	-\$200.00	\$17,503.41
05/25	18	10617153		9204	-\$455.00	\$17,958.41
05/26	84	09780673	P56319	1251	\$120.00	\$17,838.41
05/26	190	09780673	P56319	1251	\$120.00	\$17,718.41

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\$19,603.41	\$2,740.00	\$855.00	\$17,718.41

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